PRODUCT DATASHEET
P CLAS B 40 5.5 W/2700 K E14

PARATHOM® CLASSIC B | LED lamps, classic mini-candle shape



Areas of application

- Domestic applications
- General illumination
- Chandeliers
- Outdoor use in outdoor luminaires only (minimum IP65)

Product benefits

- Low energy consumption
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

Product features

- Professional LED lamps for line voltage
- Not dimmable
- Lifetime: up to 15,000 h
- Good quality of light; color rendering index R_a: ≥ 80; constant chromaticity





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TECHNICAL DATA

Electrical data

Nominal wattage	5.5 W
Construction wattage	5.50 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	43 mA
Type of current	AC
Inrush current	10 A
Operating frequency	50…60 Hz
Mains frequency	50…60 Hz
Max. lamp no. on circuit break. 10 A (B)	210
Max. lamp no. on circuit break. 16 A (B)	320
Power factor λ	> 0.50

Photometrical data

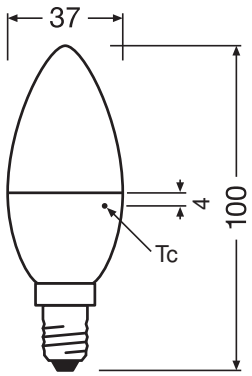
Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	85 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80

Light technical data

Beam angle	220 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	220.00 °

Dimensions & Weight

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Overall length	100.00 mm
Diameter	37.00 mm
Maximum diameter	37 mm
Product weight	20.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	100 °C

Lifespan

Lifespan	15000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.70
Rated lamp survival factor at 6,000	≥ 0.90

Additional product data

Base (standard designation)	E14
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted
Product remark	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value / In development, data preliminary

Capabilities

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Dimmable	No

Certificates & Standards

Energy efficiency class	F [1)]
Energy consumption	6.00 kWh/1000h
Type of protection	IP20
Standards	CE / CB / ERP
Photobiological safety group acc. to EN62778	RG0

1) Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

Country-specific categorizations

Order reference	LEDPCLB40 5,5W/

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E14
Correlated colour temperature type	SINGLE_VALUE
Length	100.00 mm
Height	37.00 mm
Width	37.00 mm
Displacement factor	0.5
EPREL ID	1403231
Model number	AC24717

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	PRODUCT DATASHEET

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075463349	Folding box 1	38 mm x 38 mm x 108 mm	28.00 g	0.16 dm^3
4058075463356	Shipping box 10	198 mm x 84 mm x 119 mm	281.00 g	1.98 dm^3

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

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References / Links

- For further products and actual information concerning LED lamps see www.ledvance.com/ledlamps
- For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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